

Product Name : TMP-153

Synonyms : TMP153

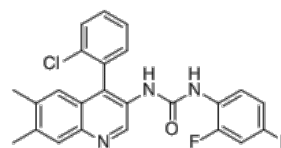
Cat No. : M11175

CAS Number : 128831-46-9

Molecular Formula : C₂₄H₁₈ClF₂N₃O

Formula Weight : 437.90

Chemical Name : N-[4-(2-chlorophenyl)-6,7-dimethyl-3-quinoliny]-N'-(2,4-difluorophenyl)-urea



Description : TMP-153 is a potent acyl-CoA:cholesterol acyltransferase (ACAT) inhibitor with IC₅₀ of 5-10 nM for the hepatic and intestinal ACAT from various animals; inhibits cholesterol esterification both in human colonic adenocarcinoma cells, LS180, and in human hepatoma cells, HepG2 (IC₅₀ = 150 nM and 330 nM, respectively); inhibits cholesterol absorption and lowers plasma cholesterol in rats and hamsters. Hypercholesterolemia Discontinued

Pathway : Others

Target : Other Targets

Receptor : Other Targets

Solubility : —

SMILES : CC1=CC2=C(C(=CN=C2C=C1C)NC(=O)NC3=C(C=C(C=C3)F)F)C4=CC=CC=C4Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sugiyama Y, et al. Atherosclerosis. 1995 Feb;113(1):71-8. | 2. Sugiyama Y, et al. Atherosclerosis. 1995 Nov;118(1):145-53. | 3. Tawada H, et al. J Med Chem. 1994 Jun 24;37(13):2079-84.